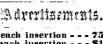
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TRADE MARKS.	
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Biscuits, crackers, jumbles snaps, cakes, wafers, and kindred articles, Hetfield & Ducker	
Blues, laundry, Fickett & Beal.:	10,902
Boiler cleaning compound, T. Baker & Co Books, letter-headings, envelopes, paper wrappers,	
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Cod-liver oil, Ansar, Harford & Co	9,983
Flour, D. De Castro & Co	10.011
Implements, certain agricultural, Collins Com- pany	10,006
Inks, ithographic, R. Mayer & Co	9,988
Lozenges, T. Keating Paints and dyes, A. M. Meincke	10,009
Paper, wrapping, J. A. Dushane	
Sleds and sleighs. B. F. & H. L. Sweet	9,992
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	10 000
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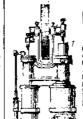
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(Not Air), for city or country residences where it is required to raise a supply of water, is the most Perfect Pumping Machine in the market. Its marvelous Simplicity, absolute Safety, great Economy and Effectiveness, render it far superior to all others. Can be run by any inexperienced person. Send for catalogue and price list to

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1½ Horse Power, \$190. 2½ Horse Power, 275. 4 Horse Power, 350.

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The Commission of the International Electric Exhibi-on in Vienna, 1883, gives due notice to the public that its Exhibition is to take place in the course of this year, be opened on the 1st August and to be clesed on the 1st October, and cordially invite Exhibitors and isitors.

an Consuls.

The objects to be exposed will comprise all Machinery pparatus, and Implements connected with Electrochnic.

echnic.
It will certainly afford a good opportunity to inventors o show their latest improvements.
This Exhibition is greatly favored by the Austrian tovernment, and will be held in the Rotunda of the rell remembered Universal Exhibition of 1873.
Exhibitors are re uested to procure the necessary apers at once.

HE HOLLAND LUBRICATOR, VISIBLE DROP,

Is guaranteed to be
1. A perfect insurance against the cutting of Valve seats, Cylinder and Governor Valves of the

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Our 10-Horse Spark-Arresting Threshing Engine has cut 10,000 feet pine lumber in 10 hours. Box 1207. B. W. PAYNE & SONS, Corning, N. Y.



Before buying lathes, see the "Whitcomb." made by AMERICAN WATCH TOOL CO., Waltham, Mass.



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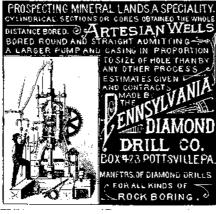
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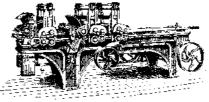
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For Packing the Piston Rods and Valve Stems of Steam Engines and Pumps.

B represents that part of the packing which when in use is in contact with the Piston Rod.

A, the elastic back, which keeps the part B against the rod with sufficient pressure to be steam-tight, and yet reates but little friction.

This Packing is made in lengths of about 20 feet, and of all sizes from 14 to 2 inches s ware.

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430 Washington Avenue, Philadelphia, Engineers & Machinists, Blowing Engines and Hydrautic Machinery.

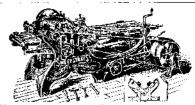
Sole makers of the Porter-Allen Automatic Cut-Off Steam Engine.



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